

On Permanents

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Abstract

The permanent of a square matrix is just like the determinant, but different (Yogi Berra said it!) The burning issue behind my talk is: are permanents here to stay, or just a passing fancy? Come and find out. The outline of my talk:

1. Definitions
2. Examples and Applications
3. Basic Properties
4. Computational Issues
5. Two Different Generalizations
6. Open Problems